

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: Dave Hutchison <djhutch@cris.com>
Subject: 67 1/2 volt batteries
Message-ID: <3220E50A.2ED5@concentric.net>

Does anyone still make the old square 67 1/2 batteries used in tube type SW portables?

73's

Dave Hutchison KW9U

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: John Shriver <jas@shiva.com>
Subject: Re: 67 1/2 volt batteries
Message-ID: <199608261338.JAA22801@shiva-dev.shiva.com>

Sure, Eveready still makes all sorts of B batteries. Better plan on opening your wallet VERY wide. They are low-volume products, move slowly, and they probably have a lot die on the shelf.

A few of them are carried by AES.

For Zenith Trans-Oceanics, there are now switcher supplies that fit in the battery case along with a bunch of D cells. Again, AES has them.

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: spr@earthlink.net (Scott Robinson)
Subject: 67-1/2 volt batteries
Message-ID: <v0153050bae4650881b1e@[153.37.85.112]>

Folks,

Dave Hutchinson asked if the square typwe (Eveready 467) wer estill made. They are; Antique has them adn so does my local electronic store, for about 30 bucks.

For my own use, I make one out of 8 off 9V batteries in series. It turns out they can be packaged 8 x i on edge and be almost the right size, maybe 1/4 in ch longer. Advantage is alkalines have a much longer shelf life, and since most of us don't use our battery BAs all the time, shelf life may be the limitation rather than use life.

It is also porbaslby possibel to construct a non-radiating inverter (usual switching power supply circuits DEFINITELY need not apply) that would run

off 2 D cells or some such and the whole shootin' match would fit in the same package.

Littel known fact about batteries and cost: D cells give by far the most watt-hours per buck of any primary battery. It goes like this (all figures are for alkalines):

D cell 1.5V x 10 AH = 15 WH for about \$1.25, or 8 cents/WH

C-cell 1.5V x 5 AH = 7.5 WH for about \$1.25 or 17 cents/WH

AA cell 1.5V x 1.7 AH = 2.5 WH for about \$1.00 or 40 cents/WH

9V 9V x 0.4AH = 3.6 WH for about \$2. or 56 cents/WH

Prices vary some; I'm quoting what I pay when I'm not in a hurry.

As an aside, my RAO claims to be operable on batteries-185V at 80 mA or some such and 6V at about 3 amps. Receiver hurts me to lift, steel case and all; I'd not want to pay to run it on primary batteries. Maybe a vibrapack...or a nice dynamotor.

Yours for good, cheap BA power,

Scott Robinson

spr@earthlink.net

"Wait'll he puts on his stereo headphones..."

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996

From: jproc@worldlinx.com

Subject: RE: 67-1/2 volt batteries

Message-ID: <Chameleon.4.01.2.960826094930.jproc@>

>Littel known fact about batteries and cost: D cells give by far the most
>watt-hours per buck of any primary battery.

Folks,

This can be refined somewhat further. A few years ago , I helped my son with a science fair project. It was one of the old standbys called "Which is The Best Dry Cell". He compared AA, C and D cells from Eveready, Duracell a chain store brand (Canadian Tire). Dollar for dollar, the chain store brand was the best buy and I'm sure it was made by one of the two leading makers.

Regards,

Jerry Proc VE3FAB
E-mail: jproc@worldlinx.com
Radio Restoration Volunteer
HMCS Haida Naval Museum
Toronto Ontario

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: jproc@worldlinx.com
Subject: RE: 67-1/2 volt batteries
Message-ID: <Chameleon.4.01.2.960826094406.jproc@>

>They are; Antique has them adn so does my local electronic store, for about
>30 bucks.

I see that inflation has pushed up the price of this item too. In 1960, I was given an AC/DC portable radio using 1xx series tubes. The B battery was the 67.5 volt variety. When it came time to replace it, the price was out of this world - \$5. That was a lot of cash back for a newspaper boy.

>

Regards,

Jerry Proc VE3FAB
E-mail: jproc@worldlinx.com

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: John Wieder <jwieder@gunnison.com>
Subject: 8 & 11 pin plugs
Message-ID: <199608260035.SAA17855@gunnison.com>

Fellow baers: Does anyone have a source for the old style plugs used for BA

rcvrs and xmitters (8 or 11 pins with key slot, I think they are called)?
Thanks in advance for any help. 73 John WA0JYJ jwieder@gunnison.com

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: w5tvw@juno.com (Sandy Blaize)
Subject: Re: 8 & 11 pin plugs
Message-ID: <19960825.211649.8127.6.W5TVW@juno.com>

I think you are talking about the "Octal" style plugs and sockets that were so popular on all E.F. Johnson's gear! Here is some numbers. You will have to "hunt" as they are here and there, mostly at old parts houses.

8 pin sockets (with retainer rings) part 78-S8
Same item in Mica filled bakelite part 78-S8T
11 pin sockets(with ring) Part 78-S11
Ditto mica filled Part 78-S11T

8 pin plugs Part 86-CP8
Ditto mica filled Part 86-CP8T
11 pin plugs Part 86-CP11
ditto mica filled Part 86-CP11T

Plug caps (Shells) that fit either male or female above.
3-12, 3-13, 3-17, 3-18, 3-20 All have rubber grommets in cable end of increasing sizes from 5/16 to 7/16".
3-24 Has cable clamp instead of grommet.

8 pin octals are available in Steatite (ceramic) as follows:
8 pin female socket (with retainer ring) Part 49-SS8
8 pin male plug with retainer ring Part 49-285

Normally the plug or socket and the "shell" or barrel is sold seperately, thus the reasons for all the different numbers. These are ALL former Amphenol numbers. Any parts house that has any 'old stock' and clerks that know the old stock, will be familiar with these numbers. The prices on the ceramic ones can be stiff as they are getting scarce.

Hope this helps in the "hunt" for these elusive items so necessary for restoration of Johnson gear! (And others too)

73
Sandy Blaize, W5TVW
Boat Anchors collected, restored, modified, traded & used!
w5tvw@juno.com

417 Ridgewood Drive,
Metairie, LA., 70001.

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: Wb2byq@aol.com
Subject: 808's NIB - REDUCED!!
Message-ID: <960826074211_187810382@emout17.mail.aol.com>

All right, you guys are tough. These 2 - 808's, NIB for \$35.00 including shipping CONUS.

Pete, WB2BYQ

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: "Allan Fritsche" <fritsche@msn.com>
Subject: A good National Receiver.
Message-ID: <UPMAIL03.199608252205250524@msn.com>

Gang, last message of the day. Could anyone recommend the best all round National receiver for SWL use. only in the late 50's and early 60 catagories.

Thanks in Advance
Al
fritsche@msn.com

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: gpewitt@execpc.com
Subject: RE: A good National Receiver.
Message-ID: <Chameleon.960825191639.gpewitt@execpc.com.execpc.com>

Thats easy. The HRO 60 was far and away the best thing National ever made. And probably the heaviest. It was (and still is) a superb receiver. The HRO 600 was great but solid state. Some may disagree but not many I'll bet. What say gang? If there's anything better I'd like to know about it. There's my \$.02 worth.
73 Gary N9ZSV

On Sun, 25 Aug 1996 17:09:48 -0500 (CDT) Allan Fritsche wrote:
>Gang, last message of the day. Could anyone recommend the best all round
>National receiver for SWL use. only in the late 50's and early 60 catagories.
>

>Thanks in Advance
>Al
>fritsche@msn.com
>

Name: Gary Pewitt N9ZSV Milwaukee
E-mail: gpewitt@execpc.com
From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: "D. Ragsdale" <doragsda@oboe.aix.calpoly.edu>
Subject: A New National Holiday?
Message-ID: <9608261614.AA09897@mailbox.calpoly.edu>

While listening to my favorite radio station on the way to work this morning, the DJ announced that today is the anniversary of Lee deForest's birthday (don't you wish you listened to radio stations like this?).

When I got in I asked my boss if we got today off, since it was Lee deForest's bday. "Lee who?" he asked. "The inventor of the audion" I replied. It went downhill from there.

Dave
Working diligently and whistling "happy birthday" quietly to myself.

David Ragsdale, R.E.H.S. Risk Management
California Polytechnic State University, San Luis Obispo, CA
du651@oasis.calpoly.edu or doragsda@cymbal.aix.calpoly.edu

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: Fire Bottle archive handler <firebotl@jackatak.theporch.com>
Subject: ADMINISTRIVIA; REPOSTING TO THE LIST
Message-ID: <9608262142.aa03278@jackatak.theporch.com>

Gang-

In a word: DON'T!

It is time for everyone to relax a bit, take a deep breath, and remember this is a hobby, and we are here to have fun!

There is nothing so critical about a request for information, or a for sale or wanted post that if it doesn't somehow make it back in a few minutes or hours.... a need exists to post it yet again!

It is entirely possible, given the age of the rigs, and the age of many of us, that we just do not a) know the answer; b) want to buy

whatever was offered; or c) have the missing piece...

For someone to assume that people are holding back and not responding, and yet another post of the same material all over again will somehow ferret out the answer, a sale, or a source is presuming malice of your fellows on the list!

Let's slow down, smell the roses along the way, and remember to enJOY what we are doing! Before there were predominantly for sale posts, the list had a different character, and folks were friendly and easy to deal with, offering help and suggestions, and teaching each other about these fine old radios that draw use together... when selling became more important, folks began to snarl at each other; sources began to be hidden and kept secret; the tempo picked up, but with more "accidents" and electronic "fender benders"; and more people seem to have hurt feelings...

That isn't why I do this, folks. I am here because I love old radios: rigs with insides that accept hands my size! Rigs that someone my size can carry! Rigs that require a bunch of operator input... rigs like a car with a five-speed manual transmission that requires skill not just money to drive... I drive a car like that, and play at CW on 40M while winding to work, because it is FUN! And, I read this list because it is fun!

And, I hope it calms down after labor day and we all draw a deep breath, and remember we are here to enJOY each other and the old rigs, not to rush through and collect the most of something...

Relax. enJOY... go slower... and DON'T REPOST just because it hasn't made it yet! (PLEASE? ;^)

--

73

Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)

- - - BoatAnchor Mailing List Archiver/Owner - - -

firebot1@jackatak.theporch.com ---- listown@jackatak.theporch.com

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996

From: "Allan Fritsche" <fritsche@msn.com>

Subject: Alignment for AM signals

Message-ID: <UPMAIL03.199608252205170593@msn.com>

Hey Gang, finally got through some chores and was able to do a comparison of the audio qualities of the HQ-145 and the HQ-170A this morning.

The best AM signal source in Houston is from W5SKW on 80. Man what a booming

signal and the guy is sharp.(Hope I GOT HIS CALL RIGHT)

While he was up on the net this morning I did some comparisons using the same ant and my trusty Halii R-46 speaker. Man, what a difference in quality. The HQ-145 copied so beautifully I could have cried. The Hq-170A had a little more s-meter gain but the selectivity set at 3kc and side band control at BOTH really sounded Bad. I remember Mike Knudsen saying that you got to align the HQ-180/HQ-170 for what you want to hear. I am sure I followed the manual and peaked everything for CW. Got to give it another shot when I have time.

meanwhile I got the two receivers setting next to each other on the bench. God How pretty they both are. I finally fulfilled my dream as a kid in the early sixties of owning one of these beasts.

Funny thou, The HQ-145 has the color of the National receivers and the HQ-170A is more of the ST James Gray. Wonder when they went to the darker paint?

Still got to fix the 10 to 30 mc band on this beast.

Best Wishes Al

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: Allen Tucholski <allent@en.com>
Subject: AM-912/GRC Amplifier for 100 -225 Mhz (4CX150) FS
Message-ID: <1.5.4.16.19960826172707.2adf12c8@en.com>

Hello All

I have a nice AM-912/GRC Amplifier for 100 -225 Mhz Forsale. Recently purchased from Fair,
It has a two tuned cavities. One for Input and one for the output.

I cleaned and oiled the gears and drive chains. It works very well.

With 2 watts drive I was able to get 110 watts out. This was running class C. driving it with a simple FM HT.
The amp uses a single 4x150 Eimac tube, which is new.

The amp requires external switching, and a 850 Volt power supply, 6.3 volts for the filaments.

I purchased the unit for \$60 from Fair + shipping. I will sell for the same. Complete with schematic.

Allen

NASA Lewis Research Center
Cleveland, Ohio

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: Michael Crestohl <mc@shore.net>
Subject: Another Drake for sale: TR4-C and AC-4 supply
Message-ID: <199608261203.IAA04094@northshore.shore.net>

This

Hello All Drake enthusiasts...
Another Drake that has been sitting around here too long.....

This TR4-C (serial number 35,841) is cosmetically very nice and needs a bit o' peaking and tweaking. I don't have the time now and doubt that I will in the foreseeable future.

Price is \$225.00 including the AC-4 supply. You ship.

73,

Michael Crestohl, KH6KD/W1
mc@shore.net

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: knudsen@gvmail.ih.lucent.com
Subject: Another Woodstock (IL) report
Message-ID: <9608261732.AA04345@bock.ih.lucent.com>

Lessee, 2 eyes, 2 ears, 2 nostrils, and a mouth == 7,
such a lucky number. So did I need any more holes in
the head? Not really, but I woke up early Sunday AM
so decided to drive an hour+ up to the Woodstock Hamfest,
and had to justify the gas and time with a few purchases.

But first I checked out that Johnson "parts" rig,
decided the Viking II was enuf trouble already,
tho the VFO dial sure looked nice.

Spent some time fooling with the NC-200 -- had never seen
how one worked before. Don rated it as Rusty, poor."
I'd say mice had never lived in it, but had used it as
the arena for their P*ss*ng Olympics, held daily. Nonetheless
it probably could have been made to work. All the original

knobs, in good shape. Panel OK except on the bottom, below all the control labels. Dial fine. Complete. Heck, knobs alone were worth the \$20 the guy finally asked for.

I was still in space-saving mental mode, so didn't grab it, but planned to on the way back. Well, it got away by the time I learned that you could bring your car in there temporarily by saying the magic words "Boat Anchor" at the gate. Next time I see one it will be decent but asking \$400 (there are National collectors out there along the lines of Collins).

So what did I get? Broke the ice with the SX-100, which looked rally nice inside and out, except for some finger-wear on the panel around some knobs. The OM owner had done major work on it so it was a crime to sell it for only \$125, but I aided and abetted the act at \$120. This set is a major cut above Halli's usual construction and is nice to use, with great AM audio, tho my 50-KC IF filters need more tweaking for SSB and CW. Say, why didn't Bill H. put a pilot bulb behind that gorgeous S-meter?

Near closing time I took the last of the Swan 500-Cs with AC PS and original manual and a beatup Turner (?) mike, for about 50 cents a watt PEP. Figured the extra power might give me an advantage over the KWM-2 and NCX-3 I already have. Came up without a hitch last nite (other than smoking the dummy load in my Vectron tuner) and got a good report on 20m (and another report from a VE3 who it seems has phone privileges below 41.150 -- now know to trust the Swan's dial and xtal cal, not other hams!).

I thought the big tuning knob on Swans looked silly, but nothing beats that 2-speed tuning. Best non-adjustable ANL I've ever heard in an rx.

Swans are pretty cheap at Fests for what you get, but seem to be built as well as anything.

On the way out I picked up (with help) that naked DX-100. Front panel and insides pretty clean, and allegedly working 100%. Worst problem besides missing cabinet is some subsitute knobs, including a big 2-speed vernier on the VFO a la Swan, but antique looking. Better-built rig in some respects than the Viking II, and one I dreamed of as a kid.

Didn't see the NCX-5, which I've been looking for. Maybe it went before I showed up late at 10:30. Also failed to snatch a Fluke-Philips 50 MHz dual-trace, dual-timebase scope for \$150. I did hear the story about the partial EFJ Desk KW.

Saw the Millen and big Heath tuners -- both nice pieces. Seems what I really need is a bigger dummy load...

Oh yes, before leaving I went inside and found a Vibroplex for \$70, still showing red enamel on the Bug logo. Now to find the CPO I got last year and practice up before subjecting the BA Net to my fist. 73, mike k aa9rg

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: Tom Kelly <tjkelly@apk.net>
Subject: Any BAs at RadioFest '96 in Elgin IL?
Message-ID: <32220A1C.5C0@apk.net>

Greetings,

I'm thinking of going to RadioFest '96 in Elgin, IL later this week. It is sponsored by ARCI, a group dedicated to collecting antique radios (I hope I have that right.) I would like to know if this is a good event for a BA enthusiast to go to? Does anyone have any experience with this event?

Thanks in advance for the info.

Tom
tjkelly@apk.net

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: MODSTEPH@ACS.EKU.EDU
Subject: Re: Any BAs at RadioFest '96 in Elgin IL?
Message-ID: <01I8QMHPJ00Y001A56@ACS.EKU.EDU>

Tom:

Y9ou never know until you go. The same event from one year to another is NOT the "same event." It all depends on who shows up: and if it is reasonably close you can always have a good time just going and being part of it all. If each one were the same year to year, who would want to go? In part it is the "hope springs eternal" optimism that keeps many of us going from one to another - you just never can tell what will be there.

And of course there are the people. Some of my best times at Dayton have not been when I bought or sold the most, but when I got some fascinating conversation from folks starting with "I used one of those back when..." Got some great war stories, some very funny accounts, and some wonderfully weird people stop by.

Just go and enjoy the living history, get some good junk food, and enjoy the ambience. And maybe - just maybe - that one special piece you have been looking for is lurking there at a give-away price, or something REALLY interesting that you never thought about before, but The Price Is Right....!!

73, A1 N5AIT
modsteph@acs.eku.edu
Richmond, Kentucky

Looking for SX-146, SX-112, HT-46

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: Ken_Warren@beavton.k12.or.us (Ken Warren)
Subject: ARC-5 remote cables
Message-ID: <1787112.ensmtp@beavton.k12.or.us>

This weekend I found 5 ARC-5 remote control tuning cables. 3 of them were bundled together with the original parts tag attached, however the other 2 have been worked over. One had the gear on one end cut off but the other one had the gear neatly removed by pushing a locking pin out. Now it looks like the cut cable could have the remaining gear removed in the same way which would give me a gear to be placed on the remaining cable to restore it to like new condition. Does anyone know if it is as easy as it sounds? The last cable I found is a remote tuning cable for my BC-AR-429 receiver also in good condition. Now all I need is the remote tuning head for it. Anyone got one they want to part with? Also looking for other plug in coil's for the receiver.

Ken Warren K7RPX

Ken_Warren@beavton.k12.or.us
KenwK7RPX@worldnet.att.net

--

Beaverton School District
Beaverton, OR

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: launerb@crl.com (William H. Launer)
Subject: Audolyzer

Message-ID: <v01530501ae466ebb8587@[192.0.2.1]>

BA Gang,

I picked up a piece of BA test equipment at the St. Charles, MO hamfest today. It's an Audolyzer, Model 562, made by Supreme Instruments Corporation. The price was right (\$2), but I'm not sure what I have. It appears to be a combination rf generator, signal tracer (both rf and audio), a voltmeter, and ohmmeter. The audio section seems functional, but can't determine if the rf section is or not.

Does anyone have a schematic, or manual for this unit?

Thanks,
Bill wb0cld
launerb@crl.com

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279 qrp arc1 #3551
Grid Square EM48RT

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: lkayser@rideau.net (Larry Kayser)
Subject: BA Sites Vermont, New Hampshire, Mass, please
Message-ID: <199608261913.PAA20124@mail.peterboro.net>

Greetings:

An unplanned trip to Boston looms this week, besides Chris Sieg in New Hampshire what other BA sites are there to visit? Primary interest is RF stuff, especially an old SB-220.

Thanks in advance for any inputs you can pass to me...

Larry
va3lk / wa3zia

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: "Thomas A. Adams" <103360.2133@CompuServe.COM>
Subject: BC-348 plugs and racks
Message-ID: <960826164705_103360.2133_JHL98-2@CompuServe.COM>

Hello Lee, AA0EF.

I hear what you're saying; that connector for the BC-348 is a REAL pain, and always HAS been! Even in conversion articles from the '40s, when the radios were all over the place as surplus and still in military issue, you see references to chopping up the set to make some other connector fit!

You're correct, the connector is part of the FT-154 shock mount, in a little doghouse on the rear apron. It is designated as type PL-103, (straight cable outlet), or PL-Q103 (angled cable outlet).

Common Jones connectors are something like the original, but not nearly close enough to work.

Awhile back, I had (but no longer have) a '50s vintage outfit that contained a lot of small parts to build your own custom connectors for prototype equipment. I don't remember who made this kit, but it turned out passable BC-348 connectors, even tho the whole process was a lot like putting together a jigsaw puzzle!

Sorry I can't help much more than that. There ARE a few FT-154 shock mounts still out there; I found one for my radio at a hamfest within the last 2 years. Now, at least, you know what to look for!

Good luck, and happy hunting,

Tom, K9TA

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: Steve Ellington <n4lq@iglou.com>
Subject: Bending Brake Sold
Message-ID: <Pine.GS0.3.93.960825213737.29454A-1000000@iglou1>

Thanks to all who inquired. The brake has been sold to the highest bidder. I only wish I had enough for everybody. Oh well, that's the b....
No, I won't say it...73

Steve Ellington N4LQ@IGLOU.COM Louisville, Ky

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: Jan Skirrow <dma@islandnet.com>

Subject: Boatanchor Sources List

I've added a new thread to my webpage. This one consists of info on sources of manuals, parts, information and so on. Most of it came from posts on this list for about 18 months. Other parts were picked up here and there. There is a lot of overlap, but a lot of useful information.

The other two R390/390A threads are still listed as well.

Look at: <http://www.islandnet.com/~dma/Boatanchors/>

Jan Skirrow, VE7DJX
dma@islandnet.com

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: Brien Pepperdine <pepperb@gov.on.ca>
Subject: Boatanchor Sources/390 info archive
Message-ID: <Pine.OSF.3.93.960826172049.31619B-100000@govonca2.gov.on.ca>

Hello. Some persons have asked for Jan Skirrow's URL, which has the two lists of R390/(A) info garnered from about over a year of BA List postings. I had mentioned this source a week back, and some people have had trouble finding it. I got this from my July mail archive and don't have my TCP/IP Netscape machine at home with the Bookmark, but this is the URL I had used that was bookmarked.

Brien Pepperdine

----- Forwarded message -----
From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: w0ogh@ix.netcom.com (Larry Godek)
Subject: re: Books for sale.
Message-ID: <199608270257.TAA08147@dfw-ix4.ix.netcom.com>

It appears that all my Popular Electronic books and 73 mags are gone. At least this bunch. I see more of them laying over here from 1977 and 1980. Probably got more of them in boxes someplace else.

Really surprised no one was interested in the Ham Radio pubs.
Hhhhhmmm.

Larry W00GH@ix.netcom.com

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: wb6zwc@ns.net
Subject: Capacitive Load
Message-ID: <199608260535.WAA05204@tomcat.ns.net>

There was this box--it has 22 door knobs and a "large" ceramic rotary switch---that is why I bought it!

Now what was it used for?

It is military! 3 position switch for NORMAL (rf in and out with 40 puffs to ground)

SERIES (rf in and out with 100 puffs in the line)

SHUNT

has 5 frequency selections 30 mhz, 20 mhz, 12 mhz, 6 mhz and 2 mhz. Each frequency has two settings allowing a 2:1 SWR or a 3:1 SWR. It does this by several combinations of puffs (series/parallel) to ground.

Here is a guess: if the unit was terminated in a resistive load then there would be a controlled reactive reflection available possibly for calibration purposes.

Anybody ever use one of these? Maybe I should keep it in one piece.

=====

Wanted 312-B3
Richard@Sacramento,Ca.

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: Tom Kelly <tjkelly@apk.net>
Subject: Collins Engineering Report on the R-390A
Message-ID: <3221C523.BA9@apk.net>

Greetings,

In an old issue of the Hollow State Newsletter (#12, Winter 1986, page 2), mention is made of a Collins Engineering report on the R-390A family of receivers. I have written to the source mentioned in the article, but have not received a reply (Not surprising given that the info is ten years old.)

Does anyone in the list know of these reports and how I can obtain

copies? I would, of course, be happy to pay reasonable copying and shipping costs.

Thanks for your help,

Tom Kelly
tjkelly@apk.net

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: Michael Crestohl <mc@shore.net>
Subject: DRAKE TX4-C with AC-4 power supply for sale
Message-ID: <199608261200.IAA03609@northshore.shore.net>

Hello Drake Fans:

I have a TX4-C transmitter and power supply that is probably going to sit around a lot longer waiting for my attention. Serial number is 30,203.

It makes RF but the output is low. Its cosmetically average but nothing serious like extra holes, repainting, etc. It comes with the AC-4 power supply and a copy of the manual. A bit of grunge removal, cleanup and some TLC should get this item back on the air in short order.

I'll sell the TX4-C and AC-4 for \$175.00. You ship.

Anyone interested before I post this to r.r.s?

73,

Michael Crestohl, KH6KD/W1
mc@shore.net

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: knudsen@gvmail.ih.lucent.com
Subject: re: E-V Microphone
Message-ID: <9608262018.AA04470@bock.ih.lucent.com>

On a couple of fine old P-A mikes I have, you "adjust" the impedance by selecting which output pins you connect the mike cable to. Mine have 5-pin conns on the barrel, and you re-solder the two leads in the cable to the right pins for your desired impedance. There's a tapped matching xformer inside the barrel.

To get a ruff idea of which taps are for hi/med/lo Z, ohm out the pins. Be careful to use a modern electronic meter --

big old VOMs can reeally clicka nd pop the mike element.
73, mike k aa9rg

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: "Grant Youngman" <nq5t@gte.net>
Subject: Re: E-V Microphone ID
Message-ID: <199608252119.QAA13731@mail.gte.net>

> Picked up an interesting Electro-Voice microphone. It's a model
655C, ...<snip>..but there is a piece of masking tape on the body marked 250 ohms.
I
> don't see any adjustments to change the impedance.

I'm not familiar with this specific mic, but its typical in other
E-V's to have some sort of jumper or other means of changing the
wiring inside the mic's connector housing to select the impedance.

Grant/NQ5T

Grant Youngman / NQ5T

nq5t@gte.net
<http://home1.gte.net/nq5t/index.htm>

Double Oak, TX -- nr Dallas

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: Dale Braun <dale.k.braun@uwrf.edu>
Subject: EF Johnson Special Event Station
Message-ID: <s2219965.087@adngate.adn.uwrf.edu>

This past Saturday I had the pleasure of visiting the special event station
sponsored by VARS - the Viking Amateur Radio Society. VARS is the club of
primarily EF Johnson employees. This year they had as their main guest John
Foster, W0YDX, who engineered the Johnson 500 transmitter.

The special event station was set up in the Waseca High School shop area,
utilizing the high school station's antennas. They had five "stations" set up.
For 75 meter AM they used a Viking I with an SX-88. For 40 meter AM they used
John Foster's original Johnson 500 (serial number 5 I overheard) with I think a
75A2 receiver. For 20 meter sideband they used a Invader 200 driving a Heathkit
SB-220 amp, and I think a 75A4 receiver. (They were thinking of using a Johnson
Thunderbolt II amplifier but it hadn't been used in over 10 years. Wait 'til

next year!) For CW, they had a Navigator and an NC-57. Some Drake equipment was also set up as a backup rig. Antennas included fan dipoles for 40 and 80, plus a tribander at 60 feet.

Anyone working the station received a commemorative certificate. (Nice wall paper!) Visitors could also participate in the flea market (free) and take free tours of the EF Johnson museum.

John donated a lot of old parts, tubes, chassis, books and magazines to VARS, which was part of the flea market. While I wasn't there for the flea market, apparently there were a few people there selling mostly vintage parts as well. I came away with 5 years of CQ magazine from John Foster's collection.

Hopefully some of you had the opportunity to work the station. It went under the club call/special event call of WA0CJU/9ALD. 9ALD was Edgar Johnson's callsign.

Very prominent AM'ers were in attendance, including W0BVR, K0BS, KB9R, K0BKA, WD0I, K09S, KE9KK and many others.

It looks like this will become an annual event.

73,
Dale
WD9GWH

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: TEK0CH@aol.com
Subject: Re: EF Johnson Special Event Station
Message-ID: <960826143437_465678513@emout16.mail.aol.com>

I enjoyed working the E.F. Johnson special events station. My contact was about 3:00 p.m. on Sunday on 20 meters. They were using a Ranger on their end and I was using my Johnson 500. Mine worked but they had problems with theirs! I am looking forward to receiving the certificate. If I had time I would have also used my Ranger.

Thanks for the tips about this special event.

Tom Koch - W4UOC
Atlanta, GA

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: EF Johnson Special Event Station
Message-ID: <Pine.ULT.3.95.960826163432.10978C-1000000@admin.aurora.edu>

On Mon, 26 Aug 1996, Dale Braun wrote:

> This past Saturday I had the pleasure of visiting the special event station
> sponsored by VARS - the Viking Amateur Radio Society. VARS is the club of
> primarily EF Johnson employees.

Speaking of Johnson stuff, I have been trying to find someone that knows
what the real ratings of the plate transformer in the desk kilowatt are.
Can anyone help me there?

Thanks

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: Kevin McDonald <kevin.mcdonald@tivoli.com>
Subject: Re: ELEC. CAPS / CAP TYPES / RATINGS
Message-ID: <32221380.528@tivoli.com>

> JOHN_SEHRING.parti@ecunet.org wrote:

> 450 WV electrolytics in a 170 V app may not be too happy after a while.
> Just as it's important not to use them in an app of voltage that's too
> high, they won't form properly if applied voltage is too *low*.

hmm... interesting.

I tend to put in 630v mylar caps in place of the drippy paper jobs
without paying much attention to voltage rating of the replaced caps.

Does this overrating warning apply to non electrolytic caps?

Is there a preferred type of cap for replacing paper caps?

I think I've seen Mylar, some kind of poly???, metal film?

Does anybody have a concise discussion of popularly available cap
types and suitability for various circuits?

Thanx,
Kevin.

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: bowes@ibm.net
Subject: RE: EV Microphone
Message-ID: <9608260533.AA0017@slip166-72-135-82.mi.us.ibm.net>

Gary,

The 655 is indeed a broadcast type microphone. I recently acquired one for the whopping sum of 4 bucks. The mic has extended high end response and reportedly has better audio on a Johnson 500 than does an EV 664. The literature that I have seen about the mic mentions something about internal jumpers that can be used to select the impedance. At present, my mic is on loan to Gary, KG8LB, so I haven't had a chance to fiddle with the impedance switching scheme.

Tom Bowes
KB8NDS

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: "Barry L. Ornitz" <u856010@eastman.com>
Subject: Final Suggestion about Inrush Current Limiters
Message-ID: <Pine.ULT.3.91.960826202056.12920B-100000@dua150.kpt.emn.com>

Jim Lockwood posted some very good information about using Inrush Current Limiters (ICL's). I would like to add a small, but often overlooked point.

Don't solder them into your circuit unless you want trouble. They do get hot in operation and repeated heating and cooling of a solder joint will cause it to crystallize and eventually fail. This was a common failure in televisions with thermistors used in the degaussing circuits, and even with some of those cement-block power resistors on circuit boards.

Put in a small screw terminal strip to mount the ICL. Crimp terminal lugs on the ICL and then attach it to the strip with the screws. In the long run, this will save lots of grief and it also makes installing and insulating the ICL a snap.

73, Barry L. Ornitz WA4VZQ ornitz@eastman.com

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: Tom Kelly <tjkelly@apk.net>

Subject: Flap on R-390A Veeder Root Counter
Message-ID: <3221C664.20F5@apk.net>

Greetings,

My new R-390A has a flap permanently mounted over the Veeder Root Counter. Whenever I want to see the frequency, I must lift the flap to view the display. I'm curious, I've never seen this before. What's its purpose? Was it common or unusual?

Thanks,

Tom Kelly
Novelty, OH
tjkelly@apk.net

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: "Paul Bock" <pauboc@smtpink.pulse.com>
Subject: For trade
Message-ID: <9607268410.AA841089798@smtpink.pulse.com>

Have the following for trade. Please e-mail me for detailed descriptions if interested (Item #1 has a couple of "warts").

73,

Paul, K4MSG

1. 1962 Vibroplex Presentation, VGC overall, top parts EC/near mint, really sweet sender.
2. Mid-'40s Les Logan Speed-X No. 515, EC/near mint, 100% original w/original orange box & Les Logan catalog sheet.

WANTED: Vibroplex Champion w/black wrinkle base
Any Vibroplex w/825 B'way address
Vibroplex Blue Racer w/U-damper

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: jcreid@CCGATE.HAC.COM
Subject: Geiger counter info needed
Message-ID: <9607268410.AA841068736@CCGATE.HAC.COM>

Hi Gang,

I was helping my friend remove the remnants of his father's estate from the garage this weekend. For my efforts, I was rewarded with a Goldak "U-238" geiger counter. This is truly a nuclear age piece of equipment, literally. The thing is in mint condition. The rubber seal for the case halves is perfect along with the silver Hammerex paint. The insides have two Eveready 45 volt batteries and a pair of D cells with the 20 cent price printed right on the label. There's a pair of 1U5's and of course, the geiger tube. There are pin jacks for the headphones and a selector switch to read .1, 1, and 10 MR/HR. The batteries are stone dead. I suspect the thing still works, but anyone out there have any info or experience with such a beast? Thanks in advance.

-Jim N6SVS
jcreid@ccgate.hac.com

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: KWDouglas@aol.com
Subject: Hallicrafters & Heathkit Book Deals From Alaska
Message-ID: <960826095419_510006852@emout19.mail.aol.com>

Folks:

Realizing that this was a touchy subject..... Is there anyone else that didn't get the Heathkit book that was offered at a discount. The Halli book was paid for & arrived ok. The check for the Heath book was cashed but book never arrived. Multiple "nice" emails & a snailmail have gone unanswered. Please respond by private email.

Kent, K9JCR
KWDouglas@aol.com

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: george.rybicki@lerc.nasa.gov (George Rybicki)
Subject: Hallicrafters HT32 FS/Trade
Message-ID: <v01510103ae476b71b4c3@[139.88.134.25]>

Pardon me if this is a duplicate post, but I didn't see it in the digest so am trying a repost.

The acquisition of a KWM-2 encourages me to sell/trade the following two items.

1. Hallicrafters HT-32 Mark 1 SSB/AM/CW transmitter.

Good but not perfect condition, has a few scratches here and there.

All tubes checked

on Hickok 533 and replaced if necessary. Puts out about 80 watts on 20M (used a Bird WM).

Sounds fine on the air. This would be a beauty with a little TLC. Have original manual.

About 100 lbs, would be difficult and expensive to ship. Located near Cleveland, Ohio.

2. Multi-Elmac AF-68 80-6M am/cw transmitter

This was a popular mobile size rig from the late 50's early sixties. It is VFO or

Xtal controlled and has two 6L6's plate modulating a 6146, I get compliments on

the AM quality on 6M. I have a mike, manual copy and a nice homebrew power supply.

Again nice but not perfect condition, can ship this one.

I would prefer to trade this equipment and am looking for a Collins 75-S series RX,

maybe a nice SP-600 or ? , but will also consider cash offers.

73 George

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996

From: JOHN_SEHRING.parti@ecunet.org

Subject: HALLICRAFTERS SX-101 VS. SX-101A

Message-ID: <9608261230.aa02650@pcusa01.ecunet.org>

> Subject: Comparing the SX-101 MK II with SX-101A MK III

>

> 1. Aside from the band coverage difference

> (160m vs VHF converter scale for 6N2),

> has anyone compared the radios? I am

> (hopefully) acquiring a clean 101 this fall

> which will be my first and am curious how

> I will find it as compared to the 101A which

> I have used. I won't see the manual until

> I pick up the radio.

As far as I know, the SX-101 did not make it past the Mark I version. The -101 does of course have 160m coverage, but 11 & 10 meters are both covered in one band (makes SSB tuning there kind of tough). It does not have a product detector (a serious shortcoming for SSB (and CW) reception).

The SX-101A* removed the 160 m coverage (too bad) and gave a, IMHO, useless band for VHF converter outputs which ran from 30 to 34 MHz.

Happily, 10m has its own band so SSB tuning is fine and rx has an excellent product detector and ok agc for SSB. The 1st mixer & hf oscillator (different tubes) stages are improved. The RF stage uses a different tube but ct. is almost the same.

The designation "Mark *" does not show on any of my SX-101A schematics nor on the chassis of my SX-101A. Maybe Halli stopped doing this.

-John Sehring (08/25/96 4:07 pm MT @Baker, Montana) UCC wb2eqg

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>
Subject: Hammarlund ASP-794
Message-ID: <199608261506.KAA25272@dlep1.itg.ti.com>

I got no response my last posting, so I'll try again. Anybody familiar with a Hammarlund ASP?

The nameplate on this ASP-794 says the following:

SUPER-PRO
Manufactured by
THE HAMMARLUND MFG. CO., INC
New York, N.Y.
U.S.A.
Model ASP [794] Serial No. [B]

Here, 794 and B are impression stamped into the metal.

This receiver appears to be a BC-794 (SP-200-SX) at heart. BC-794 is stamped onto the bandswitching cover and BC-794 parts layouts diagrams are attached to the bottom plate.

The chassis S/N of 28609 is higher than any of the other SP-200 series Super-Pro's I've got, indicating later production.

Could this have been a prototyping receiver. It didn't strike me that the power supply modification was done in an engineering lab, because it seems kinda rough, but such things can vary. Actually, the power supply modification is pretty ingeniously done. A power supply transformer takes the place of the audio output transformer and a choke takes the place of the interstage coupling transformer. A smaller audio output transformer is mounted underneath the chassis along with a voltage regulator tube. The

voltage regulator tube is mounted on a single large stand-off soldered to the 7-pin socket's center grounding pin. The power supply uses solid-state diodes though, which precludes the mod having been done in the '40's.

It would seem from the nameplate, that this was not a military receiver, rather a commercial one, but for what purpose? Anybody have any insights?

Regards,
Bill Sorsby, N5BU bill.sorsby@dlep1.itg.ti.com

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: w0ogh@ix.netcom.com (Larry Godek)
Subject: Hammarlund Dials
Message-ID: <199608260413.VAA21179@dfw-ix2.ix.netcom.com>

My two Hammarlund radios, SP-210 and SP-400 have horrible dials. Two of them are warped and the other two look like they have been "trimmed". So much for the last two. Now is there anyone who knows how, maybe I can take the warp out of the two good ones? I thought maybe some gentle heat and pressure. Maybe figure how I could use hot water or something that I could control the heat with and still apply pressure gently on a good flat surface. Any ideas? Other than that I gotta find a couple of good ones????? Any suggestions?

Larry W00GH@ix.netcom.com
or
AZCOT&gnn.com

if I really get torqued at this Netcom outfit.

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>
Subject: Re: Hammarlund Dials
Message-ID: <199608260814.DAA09421@dlep1.itg.ti.com>

At 11:13 PM 8/25/96 -0500, Larry, W00GH, wrote:
>My two Hammarlund radios, SP-210 and SP-400 have horrible dials.
>...<snip>
>...Now is there anyone who knows
>how, maybe I can take the warp out of the two good ones? I thought
>maybe some gentle heat and pressure. Maybe figure how I could use hot
>water or something that I could control the heat with and still apply
>pressure gently on a good flat surface.

Larry, I took take warp out of an SP-200 dial by heating it (very hot!) and then bending it while hot. What I did, however, is not for the timid. I tried hot water first but had no luck at all. Since the dial was pretty useless as it was, I decided next to try softening it up over the electric element on the range and met with success although the dial gave up its warp grudgingly and required far more heat than I ever would have thought. The plastic Hammarlund used is tough stuff (which explains why so many SP-200 dials are still in great shape).

Warning! This is not a job for the impatient or careless. Use too much heat and the dial will melt, shrink and be useless. I probably spent about an hour cajoling the dial back into "usable" shape, heating and bending, then heating and bending again and again. I stopped short of trying to get all the warp out. I quit when I judged the dial would work. Luckily, when I put the dial back into the radio it worked just fine.

Faced with doing it again, I think I'd try a different approach. Perhaps a good hot clothes iron with some cloth between the dial and the iron would work. That'd certainly be a more controllable situation.

Good luck, Larry. Let us know what you do and what success you have.

Regards,
Bill Sorsby, N5BU bill.sorsby@dlep1.itg.ti.com

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: "Rick Blank" <rblank@legend.txdirect.net>
Subject: Re: Hammarlund Dials
Message-ID: <199608261355.IAA01897@legend.txdirect.net>

Maybe you could try one of the tricks that used to be used to straighten warped LP's, back in the good ole' days pre-cd, that used to be touted: Warm up the oven and place the dials between two pieces of glass and allow to bake for a while...use as little heat as possible and allow to cool before seperating the glass.....that may work and give you perfectly flat dials....

Use at your own risk, though!

Rick Blank, KI5SL rblank@txdirect.net
2223 Blanco Road KI5SL@K3WGF.STX.USA.NOAM
San Antonio, Texas 78212 AMSAT NA#26195

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996

From: "Ray L. Mote" <rmote@rain.org>
Subject: HP-410B AC probe use on ME-26D?
Message-ID: <Pine.SUN.3.94.960826081139.2933A-1000000@coyote.rain.org>

Has anyone adapted an HP-410B VTVM AC probe for use with the military ME-26D VTVM? Thought I'd ask before dragging out the manuals and (hopefully) avoid reinventing the wheel. Got one ME-26D with broken probe plastic endpiece that's been glued to the probe body, and another one with the plastic endpiece missing.

73.....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: nielw@ix.netcom.com (Niel Wiegand)
Subject: HRO Jr. vs RAS
Message-ID: <199608252151.0AA27174@dfw-ix7.ix.netcom.com>

National introduced a version of their HRO for the Navy during WWII called the RAS. This model did not have the S-Meter, xtal filter or the bandspread coils of it's older sibling. Cosmetically the RAS used a lever/cam sort of arrangement to insert/retain the coils. It also had a 175KHz IF. The HRO Jr also did not have a s-meter, xtal filter or bandspread coils but did retain the 456KHz IF of the Sr.

Standard HRO coils will not track in a RAS receiver. (Possibly they can be adjusted to work. Has anyone ever tried this?). Close inspection of the four contact boards on each HRO coil should reveal stamped numbers such as A1, B2, etc. The letter designates the band and the # the position the the circuit. The numbers for the standard HRO coils run 4(osc), 3(mixer), 2(2nd rf) and 1(1st RF). The numbers for the RAS sets run 5-8.

Niel - WA5VLZ

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: TimC <tconst@world.std.com>
Subject: HW-16 for Sale
Message-ID: <Pine.SGI.3.93.960825231906.24691A-1000000@world.std.com>

I have a Heath HW-16 for sale \$30 plus shipping

Good Details:

Just made a contact on it tonight, 45watts out
Fresh commercial copy of the manual
2 extra finals plus 4 extra tubes, all tested fine.
Has the solid copper chassis.
Receiver is Hot! Comfortable listening to ARRL with zero RF
gain and just a touch of volume.
This rig never worked till I got it so does that make it new?

Bad Details:

15Meter band is dead, traced it to a bad Xtal.
Panel meter is dead, bad coil.
Exterior is warn from the repair bench but not dented.
Two of the knobs have been replaced with non Heathkit knobs.
Dial is chipped on the edge, not good because that's how it turns .

I would keep this and start looking for a parts unit however I have a
DX-60B and two Rangers
Someone has to leave the house.

Tim Constable WB1EXG work: 617-393-3186 Boston area
email: tconst@world.std.com

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: TimC <tconst@world.std.com>
Subject: HW-16 is sold
Message-ID: <Pine.SGI.3.93.960826085255.28485D-1000000@world.std.com>

Thanks for all who responded.

The Heathkit HW-16 has been sold.

Tim Constable WB1EXG
email: tconst@world.std.com

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: wj5j@juno.com (John D Hensley)
Subject: Is the story true? and 2 xmtrs wanted
Message-ID: <19960825.234406.4839.5.wj5j@juno.com>

Hello Group,

I've heard from several unrelated sources that a ham has been refinishing Johnson xmtr front panels. My last information said you could send him your panel plus \$ XX.xx amount of fee and he would send back a refinished panel. Does this story relate to the Johnson Valiant I ?? Or does anyone know?

Second question while I have your attention (! :<)
I am looking for these two units in clean condition for use as trade stock to people who have equipment that I need for my station:

Johnson Ranger I

and

Central Electronics 100V with 160 meter band.

If you have anything like this available or can furnish a lead, please contact me via private post.

Regards,

Doug

***** WJ5J / NNN0BXX *****
WTF: Nat'l rack spkr, frame (any era); HR060 rack coil holder, logo, nbfm & xcal module; KS1 p.s. for KL1 or h.b.; 800 hz filter for 75A3; 51J4/r388A parts unit; HA1 relay
***** wj5j @ juno.com *****

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: Eugene Rippen <soundval@foothill.net>
Subject: Item FS
Message-ID: <32210E69.5EDA@foothill.net>

This is a multi-part message in MIME format.

-----6A26ADE7537
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I got these yesterday, checked them out today. Please excuse the 2 little solid state items, but they are useful. (Oh, wash my mouth out with soap)

-----6A26ADE7537

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Disposition: inline; filename="HM-82596.TXT"

List of Ham & Test Gear for sale 8/25/96

Hallicrafters SX100, plays good, looks very good \$135.

Hallicrafters R-46B speaker looks good, plays good,
has switch on side at lower rear. \$45.

Hallicrafters R-47 speaker looks very good, play good \$30.

RCA WV-87A VoltOhmyst works, looks good to very good.
has AC/DC Cable, this a medium size, \$30.

EMC (Electronics Measurement Corp.) 202, Tube Tester/Capacity Meter/
Resistance Meter, Tests 40 through 9 pin
miniatures, Has ballast and tube charts,
Measures: Resistance to 500,000 ohms, and
Capacitance .01 to 1 Mfd. (And tests leakage)
Oak case with cover, attractive blue hammertone
Panel. Works. Looks good to very good \$40.

Superior 650, Signal Generator, 100Kc TO 105Mc, works, Looks very good,
Has cable \$30.

Micronta 21-522, Power/Modulation/SWR Meter, has 3 separate meters, 3
ranges: 5/50/500 watts. Like new in box. \$25.

Benchner BY-4 Ultimate Iambic Paddle, chrome, like new in box \$40.

MFJ 408, 8044 Deluxe Electronic Keyer II with Speed Meter, like new in
box \$60.

Add shipping to all prices:

Eugene Rippen
105 Donnington
Auburn, CA 95603

-----6A26ADE7537--

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996

From: Cal Eustaquio N6KYR <ceustaqu@dot.w6bhz.calpoly.edu>

Subject: Let me find out (R-390A web)

Message-ID: <Pine.SUN.3.91.960826044550.2228B-100000@dot.w6bhz.calpoly.edu>

To those of you seeking that web connection, I'll be going to work to-day
and finding that info out. The machine I have now doesn't support
windows, Netscape, etc. I think its an old 8088 machine employed as a
terminal. Cal, N6KYR.

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: dma@IslandNet.com (Jan Skirrow)
Subject: Re: Let me find out (R-390A web)
Message-ID: <m0uvBlq-000VuJC@comm.amtsgi.bc.ca>

>To those of you seeking that web connection, I'll be going to work to-day
>and finding that info out. The machine I have now doesn't support
>windows, Netscape, etc. I think its an old 8088 machine employed as a
>terminal. Cal, N6KYR.

I assume you mean BoatAnchor Dreams???

It's my site, and you can find it at:

<http://www.islandnet.com/~dma/Boatanchors/>

Be sure to include the last backslash and include the capital B.

In addition to the R390 family threads, there is a "Sources" thread added recently that contains a lot of info about where to get that odd part/manual/assembly. This is also a compilation of posts from this list for the past year or so.

Coming soon (if the spirit moves): a compilation of 18 months or so of Hammarlund and Drake lore.

Happy downloading!

Jan Skirrow, VE7DJX
dma@islandnet.com

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: Greg Carter <kx4r@atl.mindspring.com>
Subject: Manual needed for BC-639-A
Message-ID: <199608262309.TAA29769@itchy.mindspring.com>

Hello Gang !

At the recent Huntsville, Ala Hamfest I acquired an old rack mount receiver with a Signal Corp tag identifying it as a BC-639-A (also has a red tag underneath the Sig. Corp tag indicating Air Ministry Receiver R.5032A). The unit covers 100-150 Mc (acutally goes down to about 97 Mc and up to about 155 Mc) AM and CW.

I also got the matching rack mount power supply RA-42-A (Air Ministry 5003A) which has adjustable B+ outputs up to 250VDC.

I was wondering if anyone could tell me the history of this receiver, especially the years it was in use. I suspect it is around 50 yrs old or so based on the old black micamold caps underneath ! I think these receivers were used at one time by the FAA but not sure.

When I got it home and powered it up, the power supply voltmeter came up to normal and the current meter showed about 75mA...then all of a sudden the current meter pegged out 150mA full scale and the B+ went down to about 50Vdc ! Inspection showed that one of the old micamolds from B+ to gnd had given up the ghost, taking with it a couple of resistors. Replacement of these parts and a couple of more caps that showed leakage and the old girl is playing beautifully !

With a homebrew J-pole antenna cut for 146 Mhz and mounted inside the basement I'm hearing all kinds of neat air traffic, as well as the top end of the FM BC band and the 2mtr Ham band ! (slope detection on the FM signals !)

Does anyone out there have a manual and schematic on these two items? I'll gladly pay copying and shipping costs. The receiver has a very nice schematic and parts list glued to the inside back of the cabinet which is nice but kind of inconvenient.

Thanks for any info and best regards from the Tri-Cities (Taylorsville, Euaharlee, Stilesboro, Ga)

Greg KX4R
kx4r@mindspring.com

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: w0ogh@ix.netcom.com (Larry Godek)
Subject: meters wanted
Message-ID: <199608260026.RAA04422@dfw-ix7.ix.netcom.com>

I notice in a copy of 73 magazine, there was an outfit called J.S.BETTS CO> in Red Oak, GA, 30272 that had a bunch of meters for sale that were just what I wanted. Anybody know if they still exist?

Course this ad was from the April 68 issue of 73 mag.

Lotta good info in the old magazine. One article is called "A Poor Mans Mil Spec". He tells and/or shows how to read the nil part numbers.

Another article deals with modifying the 75A-1 audio stages for "big" improvements.

Then there's an article by W9NLT that tells how to "restore old equipment".

And one that caught my eye was called "Transformer Tricks" by W4LLR. Even talks about using 400 cycle transformers and has lots of pictures. Even I can understand those. Neat old publications.

Larry W00GH@ix.netcom.com & AZCOT@gnn.com

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: Michael Crestohl <mc@shore.net>
Subject: Military Antenna set - what's it from?
Message-ID: <199608261227.IAA08395@northshore.shore.net>

Hello again -

Another interesting military antenna in a bag - what set is it from?

The bag is marked BG-56A
Contains MS-49, MS-50, MS-51, MS-52 and MS-54 (two of each).

I'd love to know what it goes to.....

73,

Michael Crestohl, KH6KD/W1
mc@shore.net

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: "Joseph W. Pinner" <kc5ij@dns1.net-connect.net>
Subject: Re: Military Antenna set - what's it from?
Message-ID: <199608261311.IAA08109@dns1.net-connect.net>

>The bag is marked BG-56A
>Contains MS-49, MS-50, MS-51, MS-52 and MS-54 (two of each).
>
>I'd love to know what it goes to.....

It is part of the SCR-506 (BC-652 and BC-653) HF set.

73

Joseph W Pinner
Lafayette, LA
KC5IJD
EMail: kc5ijd@net-connect.net or kc5ijd@aol.com

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: Kenneth Warren <KenwK7RPX@worldnet.att.net>
Subject: Re: More Mil BA's
Message-ID: <19960826000949.AAA14628@LOCALNAME>

At 04:37 AM 8/24/96 +0000, you wrote:

>Whilst I'm picking the collective brains of the gang, does anyone have any
>experience with : R-278B/GR, R-361A/GR, and T-282/GR?? I'm really curious
>about the frequency coverage of the 2 RX's.

>

>Thanks

>

>73 de Dave Hockaday WB4IUY
>wb4iuy@ipass.net

>

><http://www.ipass.net/~hockaday/>

>

>Back in the 60's and 70's I went to Air Force Tech School on those pieces
of gear.

The R-278 if I recall correctly is normally used with the AN/GRC-27, a ground
to air comm system. Operating mode is AM and maybe A2? It was autotune in
100 khz steps from 225-400 mhz. I have been able to get the receiver and
companion transmitter to tune down into the 220 Mhz ham band with no trouble.
The R-361 had the same frequency range but was crystal controlled as was the
T-282 transmitter and are part of the AN/GRT-3. I think you need the MD-141
modulator/power supply to get the transmitter going. Power out on the
transmitter was 100W with no trouble running a pair of 4X150's in the final.

>

Ken Warren K7RPX

Ken_Warren@bsd.beavton.or.us
KenwK7RPX@worldnet.att.net

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: Pete McCollum 26-Aug-1996 0747 -0600 <mccollum@ssdevo.ENET.dec.com>

Subject: new acquisitions / questions

Message-ID: <9608261347.AA24569@us3rnc.pa.dec.com>

New acquisitions / questions:

1) Got an ABA-1 (BC-645) this weekend. It's in unused condition, in the original box, and came with a complete set of unused connectors.

The guy said it is an IFF transponder for 490-510 mc.

He also said that the govt made thousands of them, but they were never put in service because they were already obsolete.

a) Is the above info correct?

In the bottom of the box was the original packing slip from G.E., with a date of July 1943. Also, there was a red tag that warned that the unit had been aligned while mounted on a base with "dummy destroyers" installed, and that it should only be aligned with appropriate "destroyers" in place.

My guess on the "destroyers" is this: there are several 1/2" holes in the bottom, so that some sort of explosive device would protrude inside. If the pilot thought he was going down, he could push a button that would blow his secret IFF gear to smithereens. A friend suggested that there might also have been an inertial trigger, so that if the plane crashed, the sensitive gear would automatically self-destruct.

b) Is this assumption about the "destroyers" correct?

It has a pair of tube-like devices on the chassis that I can't identify: They are a glass envelope about the size of a skinny miniature tube, with a nipple on top, but painted black so I can't see what's inside. They are each sticking out of a black metal base about 1.5" in diameter, which is held down by two screws. No markings visible on the devices, or on the adjacent chassis.

c) What are these things?

d) Can someone give a short description of how IFF technology worked in 1943?

2) I got what I believe is an RBM receiver and A.C. power supply. The rcvr is missing it's ID plate, but the P.S. is definitely an RBM unit. They seem to match, so I'm assuming the rcvr is an RBM. It's your basic HF rig, tunes 2-20 mc, with that "fan-shaped" dial similar to the BC-348. Has a nice logging scale built into the dial.

It has a couple of HAM-mods: the power connector has been changed to an octal tube socket; and there is a marking on the front panel that says "lights / off" (or something like that), but in the hole is a BNC connector instead of a switch. I am assuming that there should be a toggle switch there, and that it is used to turn on/off the dial lights. Is that correct? Does anyone have a schematic? I would reimburse your costs/trouble. Could also use a replacement ID plate, if anyone has an extra...

3) Is there a recommended way to estimate the current rating on the HV winding of a plate transformer? The xformer in question comes out of an HP-340 Noise Figure Meter. I'm building a supply to run a T-23/ARC-5 xmtr, and a dual-1625 modulator (hence the modulator question I asked last week).

Thanks in advance for any answers to the above questions,
Pete
mccollum@ssdevo.enet.dec.com

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: "Pulhamus, William R" <wrp@rfpo1.rfc.comm.harris.com>
Subject: RE: new acquisitions / questions
Message-ID: <3221F923@smtpgate.rfc.comm.harris.com>

To answer the question on how to determine the rating of unknown transformers knowing the primary voltage and the DC resistance(s) of the windings you can use the following approximation. A good approximation of the power (current) rating for transformers of conventional E-I construction is 1/2 watts to 1 watt of copper loss per pound of the weight of the transformer. Older transformers with wax and tar impregnations will be in the 1/2 watt per pound area and modern transformers with polymer wire insulations and epoxy impregnations can be run at higher temperatures and operate at the 1 watt per pound figure. You will have to judge this individual transformer based on age and construction to make a judgement.

To determine the current rating first determine the allowable copper loss as shown above, measure the DC resistance of the windings and determine the turns ratio of the primary to the secondary. Multiply the DC resistance of the primary by the turns ratio squared and add this figure to the DC resistance of the secondary. Divide the allowable copper loss by the equivalent resistance previously determined then take the square root of the result, this is your secondary current rating. To determine the regulation of the transformer multiply the current rating by the equivalent resistance then subtract this number from the open circuit voltage to give the voltage under load.

Transformers with multiple secondaries require some judgement as to what part of the total load they handle in order to come up with the individual current ratings.

Bill

wrp@rfc.comm.harris.com

3) Is there a recommended way to estimate the current rating on the HV winding of a plate transformer? The xformer in question comes out of an HP-340 Noise

Figure Meter. I'm building a supply to run a T-23/ARC-5 xmtr, and a

dual-1625

modulator (hence the modulator question I asked last week).

Thanks in advance for any answers to the above questions,

Pete

mccollum@ssdevo.enet.dec.com

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996

From: "John H. Dilks III" <oldradio@worldnet.att.net>

Subject: NJ Antique Radio Club Web Page

Message-ID: <19960826212531.AAA22052@LOCALNAME>

To all, <<<< BoatAnchor - Auction News >>>>

The New Jersey Antique Radio Club is now on the Web:

<http://www.globalent.net/oldradio>

Note: globalENT.net -not- globalNET.net
=== =====

Information on the October 5, 1996 Swapmeet and Auction is included. Their is expected to be a good amount of BoatAnchor equipment from several estates, in the Auction. We will try to get the Auction catalog published on our web page.

-And-

If you can stand it; their is a photo of K2TQN and some of his early radio collection. (Not recommended for small children; at least not during the month of December!)

73' John Dilks, K2TQN

```
.-----.  
| 73's from John H. Dilks, K2TQN, oldradio@worldnet.att.net |  
| .^. Collector of early Wireless Radios & Books. .^. |  
| ( ~ ) Always looking for well-made Home-Brew Radios. ( ~ ) |  
| ___[ ]___< Member of the New Jersey Antique Radio Club >___[ ]___ |  
| Meets the second Friday of each month at 7:30 p.m. in Freehold, NJ |  
|-----|  
| NJARC is on the WEB - http://www.globalent.net/oldradio |  
| See above for our Fall Swapmeet & Auction info, on Oct. 5, 1996 |  
'-----'
```

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996

From: "Mike O'Brien" <mobrien@lib.drury.edu>
Subject: No wonder Castro won!
Message-ID: <9608261901.AA21762@lib.drury.edu>

Caught part of a documentary on the Discovery cable channel over the weekend chronicling the 1950s revolution in Cuba. At one point it showed rebels communicating in the field with a "portable" station consisting of a 32V transmitter and BC-348 receiver, perched on a tree stump. Ideologically flawed though they are, I must concede that Castro's gang must've *really* wanted to win if they were willing to lug that big ol' Collins up and down those jungle mountains...

Mike O'Brien (mobrien@lib.drury.edu)

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: Dale Braun <dale.k.braun@uwrf.edu>
Subject: Onalaska Hamfest Report
Message-ID: <s2219681.086@adngate.adn.uwrf.edu>

Onalaska is a city just north of La Crosse, Wisconsin - about 100 miles or so southeast of Minneapolis/St. Paul. This was their fourth annual hamfest, held in a nice community center. There were an adequate number of sellers, but not that many buyers. Some of the buyers may have been diverted to the new swapmeet/special event station sponsored by the Viking Amateur Radio Society (EF Johnson club) in Waseca, MN.

Anyway, one of the main things this hamfest is trying to be noted for is vintage radio, particularly the older AM broadcast radios. There were many tables with lots of parts and tubes. Most prices were very low. Like 200 watt NOS wirewound resistors for 10 cents a piece.

Like many hamfests, I think some of the BA's were sold during set up. I did see some old Hallicrafters receivers, some SB-102 type Heath equipment, a Elmac PMR-8 receiver, and various test equipment. Also saw a re-packaged HRO-7.

It was a good day for selling. My partner and I sold over half the stuff we brought. I came away with a CE MM-1 monitor scope, B&W electronic T/R switch and a box of B&W coils.

73,
Dale
WD9GWH

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996

From: Nick England <nick@cs.unc.edu>
Subject: our kind of contest
Message-ID: <199608262217.SAA26989@altair.cs.unc.edu>

Can anyone help these guys out ? Heck, one contact with BoatAnchor Bob NA4G would do the trick!

=====
The Xerox Amateur Radio (XAR) club WD6CZH will be running the "Ton O' Radios" special event station this weekend. Our goal is to work over 2,000 pounds of radios. The exchange is your callsign and the weight of the transmitter and receiver (or transceiver) used to make the contact.

Time: 1600-2400 UTC
From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: KB9VU@aol.com
Subject: Panel refinishing
Message-ID: <960826084422_509971451@emout18.mail.aol.com>

Does anyone know who does panel refinishing for the 51J3/R-388 receivers?
Also need info on Collins overlays for the S line and KWM-2A

Thanks

Mike (kb9vu@aol.com)

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: George Humphrey <gah@topher.net>
Subject: Paper Caps
Message-ID: <199608262046.PAA09669@mail.topher.net>

BA Folks,

Just wanted to drop a short thank-you for all the information provided by you on replacement of some paper caps I am needing. I received four supply house phone numbers plus information as to replacement of the paper caps with newly designed caps. This is the best group I have been associated with on the net to date.

Thanks again.

George Humphrey	****Every day you wake up****
gah@topher.net	**** is a GREAT DAY ****
Emory, TX, USA	**** Be Happy and Smile ****

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: anthonys@ix.netcom.com (Anthony Severdia)
Subject: Patterson PR-16 receiver - Rare
Message-ID: <199608262328.QAA14373@dfw-ix5.ix.netcom.com>

~

I have a friend that has a Patterson PR-16 that he would like to sell. It is in very good, unmodified condition as he describes it. (I have not seen it).

As I recall, the PR-16 (16 tubes) was sort of a "consumerish" type of late 30's Hammerlund Super Pro. Beyond this, my memory is fuzzy. <g>

Could anyone here in BA suggest what he might expect for a selling price? (He has no idea, nor do I). Also, any other descriptive particulars that might be wanted? All I know now is that it "works".

Thanks for any help. BTW, I'm looking for almost any type of ham AM transmitter in the 100 W+ range. Old broadcast xmtrs of 250W - 1KW are OK, too. All suggestions considered.

-=Tony=- W6ANV San Francisco, CA
anthonys@ix.netcom.com

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: n5off@w5ddl.aara.org
Subject: PTO Endpoint R-392 Anyone?
Message-ID: <448124@w5ddl.aara.org>

Anyone got a good procedure for endpoint adjustment on a 392?

Can it be done with the PTO in the set?

73 de tom

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: Richard Biddle <rbiddle@madvax.mo.ti.com>
Subject: R-390A BFO hum/distortion question
Message-ID: <3221D56E.59C2@madvax.mo.ti.com>

I have a question for the R-390A afficienados out there - When I use the

BF0, the received signal appears to have distortion or hum if I adjust the BF0 for a proper CW tone. I'm pretty sure it has to do with using the BF0 as the distortion is not present when I inject an external RF signal into the antenna and zero beat the received signal.

I checked all the tubes in the IF deck by substitution, and I don't see any real AC on the B+ lines. Before I really tear into it, I thought I would ask if it is ****supposed**** to sound this way since I have no experience with this receiver other than my sample of one.

I can still use my HAL CW/RTTY decoder on the resulting signal so it isn't that big an issue, I just want it to be right. (Hmmm, how many times has that statement gotten me into a world of trouble?)

Thanks for the read.

--

73 de Richard, KB5WLH
rbiddle@madvax.mo.ti.com

<< The Internet - CB Radio >>
<< For The Nineties >>

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: Glenn Finerman <GFINER@nms.com>
Subject: R392 vs. R390A
Message-ID: <s2218e45.069@nms.com>

I am considering purchasing an R392 from Fair Radio. Could someone give me brief rundown as to the differences between the R392 and the R390A?

Does the R392 have the mechanical filters like the R390A?

Are there any performance differences between the two? I know the R392 uses 26volt filament tubes. is that also the B+ for the radio? and one more question...are these 26v tubes hard to find?

Would it be possible to "re-tube" this radio today with new tubes?

Thanks folks...

Glenn Finerman N2BJG GFINER@NMS.COM

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: frank_adams@onf.com (Frank Adams)
Subject: Re: Re: TA-12-C XMTTR & other gear
Message-ID: <570752989.3187697@onf.com>

>>Well a TA-12C it ain't.

Larry, I think the quote thing got a little confused in your post(?).
Anyway, I'd better recheck the nameplate on that unit - it WAS a bit dark in there, and Herb's eyes aren't any better than mine. :-)

Frank

--- OffRoad 1.0 unregistered

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: JOHN_SEHRING.parti@ecunet.org
Subject: REGEN RECEIVER KIT, ELECTROLYTIC CAPS
Message-ID: <9608261401.aa12160@pcusa01.ecunet.org>

450 WV electrolytics in a 170 V app may not be too happy after a while.

Just as it's important not to use them in an app of voltage that's too high, they won't form properly if applied voltage is too *low*.

-John Sehring (08/26/96 10:46 am MT @Baker, Montana) UCC wb2eqg

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: DEE ALMQUIST <SOUNDNMIND@rica.net>
Subject: REPOST SP600 PARTS
Message-ID: <19960826190244834.AAA410@har-dialin-58.rica.net>

BA GANG

This is a repost on SP600 parts. I have quite a bit of stuff I want to find home for. I am parting out 2nd unit & have a lot of linkage, JX17 xtal deck@\$25., IF cans@\$10ea., filter choke@\$10., refinished panel (has IFO switch) aluminum @ \$50., and all the front end rf units for each band @ \$10. ea., mabe a set of small knobs, possible pwr xf, etc. TERMS: money order (or good check) in 3 days of agreement. Sorry to do this but I cost me twice the time to list parts twice.

Thanks

Dee, W4PNT

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: "James P. Rybak" <jrybak@mesa5.Mesa.Colorado.EDU>

Subject: Ryder Manuals

Message-ID: <Pine.SV4.3.91.960826134521.23126A-1000000@mesa5.mesa.colorado.edu>

Does anyone know when they stopped publishing Ryder manuals? Did the company go out of business or is it still publishing other things?

Thanks.

Jim WOKSD

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996

From: "Allan Fritsche" <fritsche@msn.com>

Subject: Scratchi articles.

Message-ID: <UPMAIL03.199608252205190315@msn.com>

I am also curious, who did right the old scratchi articles.

Al Friitsche.\

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996

From: "Rhett T. George" <rtg@ee.duke.edu>

Subject: Shelby

Message-ID: <9608261743.AA21652@feller>

- Greetings -

Be the good Lord willin' and the creek don't rise, I shall see some of you Saturday, especially around the hot dog stand about noon. I plan to wear the official cap of the local (Durham FM Association) ham club which is yellow. But with an adornment, a genuine plate cap on the top center, or a good look-alike. Hmmm, what about an open, plate-cap connector with pigtail? Not sure, but the plate cap is a sure bet unless another one of us announces a better i-d device. See you there.

73

Rhett - KE4HIH

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996

From: Clark Fishman (FSAC) <cfishman@PICA.ARMY.MIL>

Subject: Shelby

Message-ID: <9608261408.aa01452@COR6.PICA.ARMY.MIL>

If you see me say hello

I am easy wo recognize: WA2UNN in big letters on my not so small body

See ya, Clark

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: wd4mgm@ix.netcom.com (CARL WHITAKER)
Subject: Re: Shelby Hamfest Dinner Get-togethers, etc.
Message-ID: <199608262125.0AA13266@dfw-ix11.ix.netcom.com>

Barry, and the list...

US 74 (bypass) and Dixon ARE one and the same.

Can't comment on Kelly's Seafood as it is realitively new. Shelby Fish Camp has been consistently good over the years. (for this type of restaurant)

Yes, Cleveland County is a dry county, however the city limits of Shelby are wet and I reasonably certain the "liquor by the drink" referendum passed in the city also. Not sure about the status of either restaurant as the city limits have recently expanded.

For those of you with 2 meter capabilities please feel free to use the 147.285 (+) repeater while in the area and for any coordination of the BA dinners and get-togethers. This is a private repeater of which I am the trustee. While not considered a "local" Shelby repeater, (located about 50 miles west) it does cover the area pretty well, especially west, north, and south of the Shelby area including the Interstates. It won't be cluttered with the heavy hamfest traffic, the Extra Class CBer's are usually shot on sight, and some of our regulars are BA types and AMer's! It is not uncommon to hear workday conversations centered around restoration projects of BA's.

I took my camper to the hamfest site early Sunday morning and my favorite spot was already taken. People have been arriving for camping and to "stake out" their flea market spots since last week. Although there were plenty left there were probably 100 or more spots marked off by Sunday noon!

Looking forward to meeting some folks from the list!

Carl Whitaker
WD4MGM

wd4mgm@ix.netcom.com

Come early!

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: "James P. Rybak" <jrybak@mesa5.Mesa.Colorado.EDU>
Subject: Speakers in Collins 516F-2 P.S.???
Message-ID: <Pine.SV4.3.91.960826131325.21361A@mesa5.mesa.colorado.edu>

I've seen several Collins 516F-2 power supplies with speakers in them. Were these "from the factory" or did people add the speakers later? I can't find any mention of p.s. units with speakers in my Collins literature. If they were modified by the user, how did people get the nice uniform elliptical cut-outs in the black masonite board (or whatever) on which the speaker is mounted in the front of the case? I have a 516F-2 without a speaker and an unmounted Collins 4-ohm speaker and I don't want to do a botched up job of mounting the speaker in the p.s.

Thanks.

Jim WOKSD

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: jmillier@teleteam.net (Jay H. Miller)
Subject: Re: Speakers in Collins 516F-2 P.S.???
Message-ID: <v01510101ae4782358ced@[199.34.24.1]>

Jim-

Adding speakers to power supplies was a very popular thing to do among hams who purchased the S-Line equipment (which includes KWM-2s). This is not a Collins factory product-- of that I can assure you. Probably 50% of the 516F-2s I get in around here to work on, trade, etc. are so modified. I guess the cost of the 312B-3 or 312B-4 was too much for many folks to pay!

Interestingly there were plans afoot to market a clock/rotor control add-on kit for the 516F-2. It appeared in the early KWM-2 literature but only two prototypes were ever built. This is the reason there is almost three inches of clearance between the 516F-2 chassis and the front panel. Obviously many hams put that room to use by adding a speaker.

I keep a supply of very thin aluminim blanks available to replace the cardboard. Unfortunately many people drill oversize holes in the grilles to mount the speaker and that is hard to fix if you want to restore the power supply to its original condition. There used to be a source for this special impregnated cardboard type of material but I have no idea where to find it today. The oval shape can be cut-out of chip-board with an accurate template, sharp X-Acto knife and patience. A coat of flat black spray paint

on both sides will finish the job.

Hope this helps.

73

```
***** #*****# *****
Jay H. Miller, KK5IM           Dallas, Texas
The Pocket Guide to Collins Amateur Radio Equipment
AMI#846           Collins Collectors Association
                jmilller@teleteam.net
***** #*****# *****
```

From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
From: Laird_Tom_N@90.deere.com
Subject: SX-88 Drive belts
Message-ID: <H00005a0033a87e1@MHS>

--openmail-part-033a8359-000000002
Content-Type: text/plain; charset=US-ASCII; name="SX-88"
Content-Transfer-Encoding: quoted-printable

> Does anyone know the source of the SX-88 drive belts?
> =

> 73's
> =

> Dave Hutchison KW9U
> =

Yes.....K9RJ has origional reproductions

Tom Laird WC9M Moline, Il
tl39597@deere.com =

--openmail-part-033a8359-000000002
Content-Type: application/rtf; name="SX-88"
Content-Transfer-Encoding: base64

e1xydGYxXGFuc21cZGVmZjB7XGZvbnR0Ymx7XGYwXGZyb21hbiBubXMgUm1u0317XGYxXGZy
b21hbiBDdb3VyaWVyIE5ldzt9fXtcY29sb3J0YmxccmVkmFXncmVlbjBcYmx1ZTA7XHJlZDBc
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ICAgdGwzOTU5N0BkZWV5ZS5jb20gfX0=

--openmail-part-033a8359-00000002--

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: Robert Nickels <ranickel@mwci.net>
Subject: The big one got away!
Message-ID: <3220D261.7224@mwci.net>

Nice little hamfest this weekend in Woodstock IL. Not a lot of BA stuff, but a few Drake and Heath twins, NCX-5, Swan 500 and 700, Seems the sellers of firebottle SSB gear are trying to escalate the price to the level of vintage AM gear, but don't seem to be many takers.

Most interesting: a "partial" Johnson Desk KW was sold for \$200. The parts included the almost-perfect RF deck, HV transformer, and the slide-in rack with some missing/busted parts. The seller told me he'd cannibalized the KW about 15 years ago to build something that sounded like a high-power ultrasonic cleaner to me. That's why the modulator was gone, and he said the desk cabinet went to the junkman.

While several of us were standing there trying to figure out if this was a good deal and admiring EFJ's finest - one fellow handed him two \$100 bills and started hauling it off. It took a few milliseconds for the rest of us to realize this was probably the closest we might ever come to owning the "big one"!

73, Bob KE0T
ranickel@mwci.net

"still lookin for the big one"

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: knudsen@gvmail.ih.lucent.com
Subject: The Mother of All Pots
Message-ID: <9608262050.AA04492@bock.ih.lucent.com>

Ever buy something you don't need or really want, just cuz
it's so great that you have to save it from the dump?
And share with your friends for a chuckle or two?

This past Saturday I found a garage sale by a guy who'd been
an electrician's mate on a nuke attack sub and later worked
for the phone company. He had an amazing pile of stuff for free,
including a 600-ohm speaker and metal cabinet that I'm sure will
turn out to be Halli once I look it up in Dachis' book.

But the funny item is a dual Ohmite potentiometer at least 6"
in diameter! Two white ceramic sections, wirewound of course,
ganged like a stereo volume control, except the resistance values
must be quite different since the wire is wound much more closely
(many more turns) on one element than on the other.

He said he'd built it as a dummy load to test some shipboard
power supplies. He had built a sheetmetal box around it
with a muffin fan (long gone) and switches and waterproof
neon-indicating fuses. It was used at sea.

When I was in grad school, my roommate and I used to watch
a lot of late B-movies on UHF TV, and joke about The Electric Pot
that the station used to goose the audio whenever a commercial
interrupted the movie (about every 5 min it seemed). It must've been
a really HUGE pot to give all that boost, with a servo motor to
run it up fast. (OK, we knew that a little manual pot would do it,
but we were having fun).

So, now I have T.E.P. in my garage, without a big knob to crank it.
If anyone really wants this thing, it's theirs for the price of
shipping. In the latest, greatest BA Tradition, any requests must include
a good story of what you'll use it for. Electrifying the Wouff Hong
doesn't count (or does it?). Probably could use to fine-tune big final
filament voltage or even line voltage (it's a lot lighter than a Variac).
Tired of replacing the drive-pot/damp-chaser in Viking II?
I wanna hear a better story than there...

I'll measure the resistances for anyone interested.
BTW, it is labeled "Do not exceed 6.75 Amps". Very clean.
73, mike k aa9rg

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: john <johnmb@mindspring.com>
Subject: Re: The Strange Case of the Regenerative Receiver Kit (long)
Message-ID: <2.2.16.19960825194130.28e7fc9a@pop.ral.mindspring.com>

At 10:53 AM 8/25/96 -0500, you wrote:

>Good Evening Folks,
>Tonight for your amusement I will tell you about building
>a Graymark 511 regen. receiver from a NOS kit...
{snip}
> the first filter cap
>failed about 60 seconds after power up... instant smoke test for
>the cap and current limiting resistor in the B+ circuit.
>The filter caps looked good, and tested good, (with a low voltage
>tester) before being installed. Are Alum. Electrolytics prone
>to death from sitting around?

Yes! The magic little oxide layer that forms on the aluminum
breaks down with time. Old electrolytics need "forming"... the process
of applying B+, in increasing voltage, (but WITH current limiting! :-))
to regrow this oxide/insulating layer.

Neat story! Fill us in on the conclusion!

/john

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+-----+
|John Brewer johnmb@mindspring.com      |
|WB50AU/4                               |
|Vintage Gear web page: http://www.mindspring.com/~johnmb/ |
+-----+
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From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: "Benjamin D. Hall" <bdhall@ghgcorp.com>
Subject: Re: The Strange Case of the Regenerative Receiver Kit (long)
Message-ID: <3220F945.7D8C@ghgcorp.com>

john wrote:

> Yes! The magic little oxide layer that forms on the aluminum
> breaks down with time. Old electrolytics need "forming"... the process
> of applying B+, in increasing voltage, (but WITH current limiting! :-))

Hello everyone, I was another of the lucky ones to get one of these kits. Started building it this afternoon after I heard about Larry's experience with his. So far, the power supply is finished, and I went thru the tests suggested.

I think I know why those caps failed. Open circuit, my PS is providing 171 volts to caps rated 150 VDC. The manual even states that we should expect to see 160 VDC. Eeeek! I'll be putting in 450 VDC units instead. (Yes, I love overkill)

I'll keep everyone informed...

Thanks and 73,
Ben

--

From the computer of
Benjamin D. Hall, Houston Texas
BDHall@GHGCorp.com -or- BHall@GP802.JSC.NASA.gov

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: "Mike O'Brien" <mobrien@lib.drury.edu>
Subject: re: Viking Amateur Radio Society fest
Message-ID: <9608261855.AA29168@lib.drury.edu>

Thanks to Dale Braun for the fine report from Waseca! If they're really planning to fire up a Thunderbolt II next year, I hope they also resurrect one of the prototypes of the rig that was supposed to drive it -- the Avenger transceiver. It was mostly ss, but had hollow-state finals. There are somewhere between 15 and 50 examples floating around, and to play with one leaves you wondering, "Gee, if only..."
Mike O'Brien (mobrien@lib.drury.edu)

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: Terry Dobler KJ7F <kj7f@micron.net>
Subject: Warped Dial
Message-ID: <2.2.16.19960825190453.2567391a@micron.net>

Greetings fellow BA'ers,

I have a 1930's vintage radio that I am restoring for my wife. Can you believe that "SHE" rescued it and brought it home for me to fix! So here's my the problem, the old dial is badly warped.

It seems to early for it to have been made of plastic so I have no idea what it is made of. It is a translucent brown color with black markings and is intended to have the light shine through the dial. I am afraid to do anything for fear of making it worse and yet it isn't getting any better sitting on my bench either. Any one have any ideas on if it is possible to flatten it out?

Terry KJ7F

BA wants and for sale at http://netnow.micron.net/~kj7f/ba_page.htm

kj7f@micron.net (Boise, Idaho) <http://netnow.micron.net/~kj7f>

From boatanchors@theporch.com Mon Aug 26 22:57:06 1996
From: JOHN_SEHRING.parti@ecunet.org
Subject: WARPED DIAL
Message-ID: <9608261401.aa12147@pcusa01.ecunet.org>

I've fixed warped plastic dials like this:

Get two nice thich pieces of glass larger than dial. Sandwich dial between glass pieces. Place enuf weight on top of sandwich to give some pressure on dial.

Put in an oven that has an *accurate* thermostate. Set to about 130-150 degrees & bake for a few hours.

Take out sandwich & weight and let cool with weight still on top. Works FB. Repeat if necessary.

Only caution is plastic material vs. baking temperature, don't overdo it!

-John Sehring (08/26/96 10:41 am MT @Baker, Montana) UCC wb2eqg

From boatanchors@theporch.com Mon Aug 26 07:18:08 1996
From: d.buska@aaiate.com
Subject: Woodstock 96 - Where is Hendrix?
Message-ID: <96Aug25.233136cdt.15362@gateway.aaiate.com>

Oh yeah, wrong Woodstock! Here is a list of some of the BA's seen at the Woodstock (IL) 1996 swapfest held August 25th. As I normally do they are only three classications: Poor, Fail and Good. The time limits at swapfest seldom allow for more

than a cursory review of equipment, especially the stuff I am not really interested in. Thus, the limited classes.

Codes: MO - Make Offer NK - Price Not Known

Item	Description	Asking	Condition

NC-200	National Receiver (Lots of rust)	\$40	Poor
NCX-5	National Xcvr	MO	Fair
SB401/303	Heath Xmtr/Rcvr	MO	Good
Swan 350	HF Xcvr	MO	Good
Swan 700CX	HF Xcvr	MO	Good
2B/2BQ	Drake Rcvr/Q-Mult	\$225	Good
SB-303	Heath Rcvr (Dirty - Sold for \$20)	\$25	Fair
SX-100	Hallicrafters Rcvr	\$125	Good
S-85	Hallicrafters Rcvr	\$65	Fair
92200	Millen Transmatch (Very nice condition)	\$200	Good
SR-150	Hallicrafters Xcvr	\$125	Good
SX-110	Hallicrafters Rcvr	\$90	Good
HQ-105TR	Hammarlund Rcvr (Built-in CB Xmtr)	\$125	Fair
HQ-200	Hammarlund Rcvr	NK	Good
Mon-Key	Electronic Keyer (See CQ Classic Calendar AUG 96)	\$40	Fair
TR4/MS4	Drake Xcvr w/speaker	\$285	Good
SX-24	Hallicrafters w/speaker	NK	Fair

S41G	Hallicrafters Rcvr	NK	Poor
DX-100	Heath Xmtr	\$50	Poor
Valiant	Johnson Xmtr (Sold as parts radio missing alot)	\$75	Poor
650 WatchMaster	B&W SWR/Power Meter	\$25	Fair

Woodstick is not very large, but I've always found it to be good for BA equipment and parts. I found the B&W SWR/Power meter quite interesting. Thought of buying it just because I've never seen one before. It had a rather large case (8"W x 10"H x 8"D - my guess) and looks to match the 5100 ig by B&W. The power scale only went up to 150 Watts which is below the current AM transmitter I'm using, so I passed on it. Hopefully, a B&W BA user got it after I left. For the most part the radios were in rather good shape. When I left most still was unsold. I did chat with the person who bought the SB-303 for \$20. That was a great deal as it really only needed a little cleaning.

What did I buy? Well you can't go away empty handed.... I got a nice rack mounted commerical AM/FM(mono) tuner made by Craftsmen of Chicago. It was so nice and has a chrome plated chassis and tube shields. For \$20 I just had to give it a home (or radio shack) to hang out in. I also got a neat little communications speaker that looks like it should be a spot light on an old police car. It is a Jensen Speech Master Reproducer. The nice thing about it is that it will take up no shelf space. It is ment to sit right on the operating table and it's small. I'm going to connect it to my 75A2 this afternoon to see if the \$20 was well spent. Some other miscellaneous parts, tubes and manuls also jumped in the bag.

73
Don

**			**
**	Don Buska N900	Principal Engineer	**
**	d.buska@aaiate.com	Advantest America Inc.	**
**	Kenosha, Wisconsin	Buffalo Grove, IL	**
**	(414)654-0072	(847)821-3393	**
**		fax (847)634-2872	**

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**
**      ARRL-LM      AWA      AMI      CCA      QCWA      CSVHFS      NTMS      **
**
**      Wants:  Transmitters by Thordarson, Stancor, UTC and      **
**              other transformer companies.                      **
*****

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From boatanchors@theporch.com Mon Aug 26 13:56:40 1996
 From: pmills@cyberhouse.com (Phil Mills)
 Subject: WTB: RTTY parts/equip/man'ls
 Message-ID: <199608261252.HAA06209@ns.cyberhouse.com>

Thanks to the kindness of Tom Allen in providing me with a tech manual for my TT-4 teletype, I am getting much closer to getting some type of RTTY setup working. I would like to buy or trade for any and all of the following...please let me know what you can bear to part with.

1. Polar relays and polar relay sockets.
2. Tech manual TM-11-2225 or copy thereof for a TT-76 reperf/xmtr.
3. Tech manual, tech manual number, or info on TS-1194 A/U test set.
4. Any military discriminators, TU's, AFSK or FSK units, test sets, etc.
 I am particularly interested in anything that will work from the 500 kc i.f. connection of my R-388.

thanks & 73,
 Phil

Phil Mills, AB5TH
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 713-992-5762
 Friendswood, TX (just south of Houston)